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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

80

Application Number	10/532,907
Filing Date	April 27, 2005
First Named Inventor	Nathan T. Hayes
Art Unit	2628
Examiner Name	Kimbunh T. Nguyen

Attorney Docket Number

33072/101/101

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<i>3 Amendments - 2/20/07</i>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
	<b>Remarks</b>	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Nawrocki, Rooney & Sivertson, P.A.		
Signature			
Printed name	Richard C. Stempkovski, Jr.		
Date	2/20/07	Reg. No.	45,130

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Melissa A. Ziegler	Date	2/20/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
**75.00**

## Complete if Known

Application Number	10/532,907
Filing Date	April 27, 2005
First Named Inventor	Nathan T. Hayes
Examiner Name	Kimbunh T. Nguyen
Art Unit	2628
Attorney Docket No.	33072/101/101

## METHOD OF PAYMENT (check all that apply)

- Check    Credit Card    Money Order    None    Other (please identify): \_\_\_\_\_
- Deposit Account   Deposit Account Number: **14-0620**   Deposit Account Name: **Nawrocki, Rooney & Sivertson**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below    Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17    Credit any overpayments

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## FEE CALCULATION

 BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	0
Plant	200	100	300	150	160	80	0
Reissue	300	150	500	250	600	300	0
Provisional	200	100	0	0	0	0	0

 2. EXCESS CLAIM FEESFee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	<b>48</b>	Extra Claims	Fee (\$)	Fee Paid (\$)
51	- 20 = HP	3	x 25.00	= 75.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	<b>6</b>	Extra Claims	Fee (\$)	Fee Paid (\$)
2	- 3 = HP	0	x 0	= 0

HP = highest number of independent claims paid for, if greater than 3.

Small EntityFee (\$)   Fee (\$)

50   25

200   100

360   180

Multiple Dependent ClaimsFee (\$)   Fee Paid (\$)

0   0

 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
0	- 100 =	0 / 50 = 0	(round up to a whole number) x 0	= 0

 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge):

03/01/2007 GFREY1 00000040 10-J3E587

91 FC-2815 0 75.00

OP

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 45,130	Telephone 612-331-1464
Name (Print/Type)	Richard C. Stempkowski, Jr.	Date 2/20/07	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## P A T E N T

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Nathan T. Hayes

Serial No. : 10/532,907 Examiner: Nguyen, Kimbunh T.

Filed : April 27, 2005 Group Art Unit: 2628

For : SYSTEM AND METHOD OF VISIBLE SURFACE DETERMINATION IN COMPUTER GRAPHICS USING INTERVAL ANALYSIS

Docket No. : 33072/101/101

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE UNDER 37 C.F.R. 1.8  
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an enveloped addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 20<sup>th</sup> day of February, 2007

By: Melissa A. Ziegler  
Melissa A. Ziegler

Sir:

In response to the OFFICIAL ACTION mailed November 20, 2006, please amend the above-captioned patent application consistent with 37 CFR §1.121, namely, the drawings, specification and claims, as follows: